

0590
13

#2 OIPE

CRF Errors Corrected by the STIC Systems Branch

CRF Processing Date: 10/3/2001
Edited by:
Verified by: (STIC staff)

Serial Number: 09/941,831

ENTERED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file;
☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☒ Other: switched 41207 and 41307 responses

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/941,831

DATE: 10/03/2001
TIME: 10:49:15

Input Set : A:\Pto.amc
Output Set: N:\CRF3\10032001\I941831.raw

2 <110> APPLICANT: Ebner et al.
4 <120> TITLE OF INVENTION: Serine/Threonine Phosphatase Polynucleotides, Polypeptides,
5 and Antibodies
8 <130> FILE REFERENCE: PT049P1
W--> 9 <140> CURRENT APPLICATION NUMBER: Unassigned
10 <141> CURRENT FILING DATE: 2001-08-30
12 <150> PRIOR APPLICATION NUMBER: PCT/US01/06256
13 <151> PRIOR FILING DATE: 2001-02-28
15 <150> PRIOR APPLICATION NUMBER: 60/186,350
16 <151> PRIOR FILING DATE: 2000-03-02
18 <160> NUMBER OF SEQ ID NOS: 29
20 <170> SOFTWARE: PatentIn Ver. 2.0
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 733
25 <212> TYPE: DNA
26 <213> ORGANISM: Homo sapiens
28 <400> SEQUENCE: 1
29 gggatccgga gcccaaattct tctgacaaaa ctcacacatg cccaccgtgc ccagcacctg 60
30 aattcgaggg tgcaccgtca gtcttctctt tcccccaaaa acccaaggac accctcatga 120
31 tctcccgga ccttgagggt acatgcgtgg tgggtggacgt aagccacgaa gaccctgagg 180
32 tcaagttcaa ctggtacgtg gacggcgtgg aggtgcataa tgccaagaca aagccgcggg 240
33 aggagcagta caacagcacg taccgtgtgg tcagcgtcct caccgtcctg caccaggact 300
34 ggctgaatgg caaggagtac aagtgcgaagg tctccaacaa agccctccca acccccatcg 360
35 agaaaacat ctccaaagcc aaagggcagc cccgagaacc acaggtgtac accctgcccc 420
36 catcccgga tgagctgacc aagaaccagg tcagcctgac ctgcttggtc aaaggcttct 480
37 atccaagcga catcgccgtg gagtgggaga gcaatgggca gccggagAAC aactacaaga 540
38 ccacgcctcc cgtgctggac tccgacggct ccttcttctt ctacagcaag ctcaccgtgg 600
39 acaagagcag gtggcagcag gggaaagtct tctcatgctc cgtgatgcat gaggtctctg 660
40 acaaccacta cagcagaag agcctctccc tgtctccggg taaatgagtg cgacggccgc 720
41 gactctagag gat 733
44 <210> SEQ ID NO: 2
45 <211> LENGTH: 977
46 <212> TYPE: DNA
47 <213> ORGANISM: Homo sapiens
49 <400> SEQUENCE: 2
50 ccacgcgtcc ggaagcactt aggatattcc ctttatgtta gggatataaa atgtcatgaa 60
51 aatttgtcta gatttgtttt cttttatcag ttgggaaat ttgatgattc caaatatttt 120
52 ctgtcttcat ttgtaggag tacaatcacc tagatataga tattttatgt cttttctctc 180
53 ttagctcaaa ttctcttctc ttgcctttt tgcctgtgt tccaggaaa ttctttgact 240
54 ttatcttctt gtttttctga tggtaatcat gactgacatt tatggaagct tttttgcaa 300
55 tcttattata tagcagattt cttgttttat aggtgctatg tttcaaaagg cagtagaacg 360
56 taagtctaag aatagagatt ttagaacacc tgggtgccta ttttggtca gtcacttact 420
57 gtgtgacatt agacatgtt ctttaattct ctgaatctag agctctctat ctgctttttt 480
58 ataaggacac taggaacatt ccattagatt aagcatgtca aattctcagt tgagagcatg 540
59 gcacatagta agctctaaat aaatgctagc attttgcttt cttgaacttc actgatgaat 600
60 ataatctcag tttttctatt tgtctttctc ttttacggtg gcaatatgtt taattatttc 660
61 caattttctg tttatgtttg agaatatgga actagattca tcatctaggt aggcagtata 720

RAW SEQUENCE LISTING

DATE: 10/03/2001

PATENT APPLICATION: US/09/941,831

TIME: 10:49:15

Input Set : A:\Pto.amc

Output Set: N:\CRF3\10032001\I941831.raw

```

62 attttgttct ctgctattac acacacacac acacactttc tataaaactt gaaaatagca      780
63 aaaaccctca actgttgtaa atcatgcaat taaagttgat tacttataaa tatgaacttt      840
64 ggatcactgt atagactgtt aaatttgatt tcttattacc tattgttaaa taaactgtgt      900
65 gagacagaca aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa      960
66 aaaaaaaaaa aaaaaaa                                     977
69 <210> SEQ ID NO: 3
70 <211> LENGTH: 4302
71 <212> TYPE: DNA
72 <213> ORGANISM: Homo sapiens
74 <400> SEQUENCE: 3
75 ggcacgagga aaccaactcc accacggcca cggagcctcc atgaaagaat attagaagaa      60
76 attaaagcag aaagaaagct gcggcctgta tcaccagagg agattagacg tagcagatta      120
77 gatgtgacta cccctgaatc tacaaagaat cttgtggagt catctatggg gaatggaggt      180
78 ttgacatcac aaacaaaaga aaacgggtta agtacctcac agcaggtgcc tgcacagcgg      240
79 aagaagctcc tcagagcccc aactctggcc gaactggaca gctctgagtc tgaggaagaa      300
80 acgctgcaca agtcgaccag cagcagcagc gtgtctccct ctttccctga agagccagtc      360
81 ctggaggccg tgtccacaag gaagaagcct ccaaaattcc tgcccatatc atcaacaccc      420
82 cagccagaga gacggcagcc accccagaga cgacattcca ttgaaaagga aacgcctact      480
83 aacgtgaggc agttcctgcc gccttcaggg cagagttccc gctctcttga ggaattctgc      540
84 taccagtggt aatgcctcgc tcttactgtg gaagaagtga tgcattatcg ccaggctctg      600
85 gtgaaggcag agctggaaaa ataccaacag tataaagaca tctacaccgc cttgaaaaaa      660
86 ggaaagctct gcttttgttg ccgaaccagg aggttttccct tcttcaactg gtcttatacc      720
87 tgtcagttct gtaagaggcc ggtgtgctca cagtgttgca aaaagatgcg gctgccctcc      780
88 aaaccatact ccactcttcc tatcttttca ttgggacctt ctgctctgca aagaggggaa      840
89 agtagtatga ggtcagaaaa accctccact gcccatcatc ggccacttcg gagcattgcc      900
90 aggttctcct caaaatctaa gtctatggac aaatcagatg aagaactcca gtttcccaaa      960
91 gagttgatgg aggactggag caccatggag gtgtgtgtgg actgcaagaa gttcatttcg      1020
92 gaaatcatca gttcaagccg gcgcagtcgt gtgttggcca acaaaagggc ccgattgaaa      1080
93 aggaaaacgc agtctttcta catgtcctcg ccaggccctc cggagtactg ccttcagag      1140
94 aggacgatca gtgagatctg agcctcgtgc ctttcagctg cttttgtgct acgagtcagc      1200
95 gtccgtgcgc gaggacactg agccgggctg gctctccttt ctgtggtttt atttaatggg      1260
96 cttgaatttg cattagatca gatttttgcc gcatcacatt gtccacaga ctgaatgctg      1320
97 tgttcgtatc gattgatgaa acgtgacagg tccgccaat gctcgtttgc actgagagag      1380
98 gacaacagtt tgaaacttac ttttgtgtgt gtgtggcttt ggaagccagt agctacttcc      1440
99 ttagttcagt tctttactgt tctcgaata atctcctgac taaggcaaaa aaaaaaagct      1500
100 tctcctacga gaatcagttc aacagagatg ccgatgtcag cacagcccta agcagtaagt      1560
101 catattggca ttccacgtg actgtgtttc tatcccggtg acagagagat ccagagccct      1620
102 aactccacg accctgggggc tcacagcaca gaacctagaa gcacctgctg acactcttca      1680
103 actgattttt aaatgttggt gcttgaggat aaaaattaca taagggaactt tttgcctgca      1740
104 ttctagtgcg aaacatctga agagctgtac acccacaagg gtgactattt cccctgagtg      1800
105 gccgtgttgt ccagtgccc tggttcagtg tctcctgagt ggatgacagg tcttcattct      1860
106 ctatcttgaa tgtattatgg ttactaatag ttttataatg gaggtctaag aattaaagtt      1920
107 gtgtgggagt ttcaggacaa aggaaggcta aaagtttgtc aagacgttga gcgtattttg      1980
108 gttacctatg agaagggttg tgacagtgtc cagtggcagc tgttggccac gctgcagaaa      2040
109 tgagctggag ctcatgggtt ttcagctaca tttttcataa cttttagta catccactct      2100
110 gagtaaatga agccacaatt tggtaacctg ggtctcaaac taaaatttat ttttataaat      2160
111 gaatttttaa agaaaaata tctactcttt ttaaagttag aagaaaatta acctgctgac      2220
112 aggcaacatt tttgggtgct tttctgcact agttttcctt gtaaatgatt tgagttagta      2280
113 ggtttgggtt ctgacgaaag tagactggag ggtagcattg tatgcctcaa atgtctcagt      2340

```

RAW SEQUENCE LISTING

DATE: 10/03/2001

PATENT APPLICATION: US/09/941,831

TIME: 10:49:15

Input Set : A:\Pto.amc

Output Set: N:\CRF3\10032001\I941831.raw

```

114 gtgttttggt catactggg ctatacttta ttattttggt atgcttaca atgactaacc 2400
115 aatcaaattg tcattaatgt ttggaaaatc tgtaaatgca catgcacaat aatttctctga 2460
116 aagccatagg acatgtctgt agtcagcacc acgatagcac cgtttcatga aaggcatggc 2520
117 ggctgcattt cataccacat caaaatacag taacatttct atactaaatt aacagtaata 2580
118 cctcaaaact gctccggtag tagtttttaa tggattgaaa ttacagttt agtaaaaggc 2640
119 ttaaaattac ttatacttat gaaataaact ttaccagttg actaaaataa tgcatgttaa 2700
120 cagttggtct gtatttgcac gtaaaagtgg gccaccagag aaccttatt gattacttaa 2760
121 gtgtttacat tattttaaag actcctgttt aagagctttc agaattgtac tgggtgaatc 2820
122 tcattttata aacttcttaa gagactatct gaactctata ctccagacag ttaggtggga 2880
123 gtataaatct accccttttg atgaccccag gcttgagttt ttaaaatgac taccagaag 2940
124 ggcacaaggg ggaaggaaat ggtatttcta tatgtatata aatatgcacc taggagaatg 3000
125 tgctttttta aataatgact actgttttta ttaaaacata agaaactaca ccccaaaat 3060
126 aagactttca ttcacattca caaagcaaac atctagtaca tgtctttcac ttcactttat 3120
127 gatagtgtat tggatgattt gggcattacg atcacctctt accacagcac agaacataca 3180
128 ttcttcaaca gcattaacgg agtttgccaa gtgcattaaa gaggtcacgt ggagggtagc 3240
129 ttcatatgaa acaatctgca gaaagtgggg taagaaaggg cacatggcac agttaagtt 3300
130 gtagaaatca aattactatc attttttgtt gccaaaacaa agtcttacct ttaaccccc 3360
131 tttctaccac cccctccac acttcaagtc agctacatag tttccacagg gtaattcact 3420
132 aagagcttgt ggagcttggg tttaaaatcc ttagcctggg ctgactttag gcatagcttc 3480
133 cagttcttcc ttccgtgtcc tgggttcttg ttcagtttta cttctaatac aacaacaaaa 3540
134 gaaatgtctg gctggtctca gctagagttt gatgtgtctt agagcatgtg tgcgtatctg 3600
135 aaccatcatc cctgctctca tctcagctcc ctccaggcct gagcaccggg tctttttgtc 3660
136 ccatacgtca tgaagtcaca ctattgggaa acctgtgctt ccctctccat ggcttaactc 3720
137 cctgtcagtg tcggagtgtg taagaatgct tgtaataact gtaatatatt tattaatatt 3780
138 tgaaaggcat tcattcagtg gacagtggga attactctc ccaaggcaag tgaaaatgaa 3840
139 tgattgacgt acgttgattt aacaatctta ctagatttta attcttaagg atttcaaagt 3900
140 aaaccagaag gtggttatgt aagaggctta aaatgatctt atgtttaaag agattctgtt 3960
141 attagcacca tgaactcgta ctatgaaatt ttaagcctt ttatttttct aactatatta 4020
142 ctgtaggact ggatattagg tgtcatatag gaaacacaaa agtttattgc tgtttgctaa 4080
143 agcaaaatag cagaaaattt tgtatatgca aaactgttga aggaccatag agaaatgtgt 4140
144 actactgacg gggcttttac taggcttctt gcgtgtgtaa aagtcgaggt attgctggca 4200
145 ttcagggtga catgatggta ctaaatgttt tccattaaag tcttctattt taaaatttag 4260
146 agaaaaataa aatggctttc catcaaaaaa aaaaaaaaaa aa 4302
149 <210> SEQ ID NO: 4
150 <211> LENGTH: 1838
151 <212> TYPE: DNA
152 <213> ORGANISM: Homo sapiens
154 <400> SEQUENCE: 4
155 ccacgcgtcc ggggctcggc ggaatgagtg gggctcaggc caaggccgca gtcacgtgg 60
156 ggtgcatcgg tgtgatagca gaggtggata aagcagccct tgagaaacgc cacaggcagg 120
157 gctggctgat ggaagtgact gacagcttgg accgctgcat ccagaggctc aggggaagcaa 180
158 ggaaaaaaa ggaggtgctc agccttgggt accatggcaa cgtgggtggc ctttgggagc 240
159 gcctggtcca cgaattggac acgacggggg agtgcttggg ggacctggg tcagatcaga 300
160 catcctgcca caaccgttc aatggcggct actacctgt gcagctcagc ttcacggagg 360
161 ccagagcct catggcctcc aacctgctg tgttcaagga cctggtccag gaaagcctga 420
162 ggaggcaagt ctacgccatc aacaggttgg ccgaggagaa gttcttcttc tgggactacg 480
163 gcaatgcctt cctcttggag gccagagag caggagcgga tgtggagaag aaaggtgctg 540
164 gcaggacaga gttccgctac ccttctatg tgcagcacat catgggggac atattctccc 600
165 agggatttgg gcctttccgc tgggtgtgca catcggggga cccacaggac ctggcgggtca 660

```

RAW SEQUENCE LISTING

DATE: 10/03/2001

PATENT APPLICATION: US/09/941,831

TIME: 10:49:15

Input Set : A:\Pto.amc

Output Set: N:\CRF3\10032001\I941831.raw

```

166 cagacgaact ggccacatct gtgctggagg aagccattgc tgatggagtg aagggtgtctg 720
167 tgaagctgca gtacatggac aacatccgct ggatccggga ggccgccaagg caccggctgg 780
168 tgggtgggctc ccaggcaagg atcctgtact cagaccagaa gggccgcgtg gccatcgctg 840
169 tggccattaa ccaggccatc gcctgcagga ggatcaaggc gccgggtggc ctgagccgag 900
170 atcaccatga cgtgagcggc accgacagcc cctttaggga gacctccaac atttacgacg 960
171 gctctgcctt ctgtgcagac atggtgtgtc agaacttcgt gggagatgcc tgtcgcggag 1020
172 ccacctgggt cgcccttcac aacggagggg gcgtgggctg gggtagggtg atcaacgggg 1080
173 gattcggcct cgtgtgggac ggtaccccgg aggccgaggg gagagccagg ctgatgctca 1140
174 gctgggatgt ctccaatggt gtggcccggc gctgtgtgtc agggaaccag aaggcctatg 1200
175 agatcatctg ccagaccatg caggagaaca gcaccttggg ggtgacactg cctcacaagg 1260
176 tggaggacga gcgggtgtc cagcaggccc tgcagctctg agggagccag gagtgcggc 1320
177 ccctgcctcc ctctccctcc ggcgatccct acctgcccag ccatggcaca cacccttct 1380
178 gcacacccgc actacctgca cttctgcgac atcctcacgt ggcccttatg gtgccctgtg 1440
179 cagggtgcca ccacagcctc attttacaga cagccccctg aggccagag acatgcagct 1500
180 ctctgtccac aacctgcca cttgcatggg agccctgaag gctgtcaaag tccatttagg 1560
181 gccaagtccc aagcctgccc gggggccctg cggtgaacac tggtaagct ctctccggt 1620
182 gggatgatca caccctctgc ttctggcca cctgccagcc tccatgcaac tctgtctgtc 1680
183 tgctgcccct ctgtgtctgt tgcaagcaac ttctggacct tggcacctg ggctgtgtgg 1740
184 ctggaggagt tcgggaagga ggatagacca ggaataaag ggtcaacaga gcaaaaaaaa 1800
185 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaa 1838
188 <210> SEQ ID NO: 5
189 <211> LENGTH: 3289
190 <212> TYPE: DNA
191 <213> ORGANISM: Homo sapiens
193 <400> SEQUENCE: 5
194 cccacgcgtc cgcggacgcg tgggtgcgcg ggcacgagac accctctccg cgatgactgt 60
195 gagtgttcca gggacccccg agccccggcc ggccaccccc ggggccaagt cagtggagca 120
196 gctgcggaag gagggcaatg agctgttcaa atgtggagac tacgggggcg ccctggcggc 180
197 ctacactcag gccctgggtc tggacgcgac gcccaggac caggccgttc tgcaccgaa 240
198 ccggggccgc tggcacctca agctggaaga ttacgacaaa gcagaaacag aggcacccaa 300
199 agccattgaa aaggatggtg gggatgtcaa agcactctac cggcggagcc aagccctaga 360
200 gaagctgggc cgcctggacc aggtgtcct tgacctgcag agatgtgtga gcttggagcc 420
201 caagaacaaa gttttccagg aggccttgcg gaacatcggg ggccagattc aggagaaggt 480
202 gcgatacatg tcctcgacgg atgccaaagt ggaacagatg ttccagatac tgttggaccc 540
203 agaagagaag ggcactgaga aaaagcaaaa ggcttctcag aacctggtgg tgctggccag 600
204 ggaggatgct ggagcggaga agatcttccg gagtaatggg gttcagctct tgcaacgttt 660
205 actggacatg ggagagactg acctcatgct ggcggctctg cgtacgctgg ttggcatttg 720
206 ctctgagcat cagtacgga cagtggcaac cctgagcata ctgggaactc ggcgagtagt 780
207 ctccatcctg ggcgtggaaa gccaggctgt gtccctggct gcctgccacc tgctgcagg 840
208 tatgtttgat gccctcaagg aagggtgtcaa aaaaggcttc cgaggcaaaag aagggtgcat 900
209 cattgtggat cctgcccggg agctgaagg cctcatcagt aacctcttag atctgctgac 960
210 agagggtggg gtctctggcc aaggccgaga caatgccctg accctcctga ttaaagcggt 1020
211 gccccggaag tctctcaagg accccaacaa cagcctcacc ctctgggtca tcgaccaagg 1080
212 tctgaaaaag attttggaag tggggggctc tctacaggac cctcctgggg agctcgcagt 1140
213 gaccgcaaag agccgcatga gcgcctctat tctcctcagc aagctctttg atgacctcaa 1200
214 gtgtgatgcy gagagggaga atttccacag actttgtgaa aactacatca agagctgggt 1260
215 tgagggccaa gggctggccg ggaagctacg ggccatccag acggtgtcct gcctcctgca 1320
216 gggcccatgt gacgtggga accgggcctt ggagctgagc ggtgtcatgg agagtgtgat 1380
217 tgctctgtgt gcctctgagc aggaggagga gcagctgggt gccgtggagg ctctgatcca 1440

```

RAW SEQUENCE LISTING

DATE: 10/03/2001

PATENT APPLICATION: US/09/941,831

TIME: 10:49:15

Input Set : A:\Pto.amc

Output Set: N:\CRF3\10032001\I941831.raw

```

218 tgcagccggc aaggctaagc gggcctcatt catcactgcc aatgggtgtct cgctgctgaa 1500
219 ggacctatat aagtgcagcg agaaggacag catccgcata cgggcgctag tgggactctg 1560
220 taagctcggg tcggctggag ggactgactt cagcatgaag cagtttgctg aaggctccac 1620
221 tctcaaactg gctaagcagt gtcgaaagtg gctgtgcaat gaccagatcg acgcaggcac 1680
222 tcggcgctgg gcagtggagg gcctggctta cctgaccttt gatgccgacg tgaaggaaaga 1740
223 gtttgtggag gatgcggctg ctctgaaagc tctgttccag ctccagcagg tggaggagag 1800
224 gtcagtgtct tttgcgggtg cctcagcgct ggtgaactgc accaacagct atgactacga 1860
225 ggagcccagc cccaagatgg tggagctggc caagtatgcc aagcagcatg tgcccagaca 1920
226 gcaccccaag gacaagccaa gcttcgtgcg ggctcgggtg aagaagctgc tggcagcggg 1980
227 tgtggtgtcg gccatgggtg gcatggtgaa gacggagagc cctgtgctga ccagttcctg 2040
228 cagagagctg ctctccaggg tcttcttggc tttagtggaa gaggtagagg accgaggcac 2100
229 tgtggttgcc cagggaggcg gcagggcgct gatcccgctg gccctggaag gcacggacgt 2160
230 ggggcagaca aaggcagccc aggcccttgc caagctcacc atcacctcca acccgagat 2220
231 gaccttccct ggcgagcgga tctatgaggt ggtccggccc ctctctccc tgttgacct 2280
232 caactgctca ggctgcaga acttcgaggc gctcatggcc ctaacaaacc tggctgggat 2340
233 cagcgagagg ctccggcaga agatcctgaa ggagaaggct gtgcccata tagaaggcta 2400
234 catgtttgag gagcatgaga tgatccgcg ggcagccacg gagtgcattg gtaacttggc 2460
235 catgagcaag gaggtgcagg acctcttcga agcccagggc aatgaccgac tgaagctgct 2520
236 ggtgctgtac agtggagagg atgatgagct gctacagcgg gcagctgccg ggggcttggc 2580
237 catgcttacc tccatgcggc ccacgctctg cagccgcatt cccaagtga ccacacactg 2640
238 gctggagatc ctgcaggccc tgcttctgag ctccaaccag gagctgcagc accgggggtg 2700
239 tgtggtggtg ctgaacatgg tggaggcctc gagggagatt gccagcacc tcatggagag 2760
240 tgagatgatg gagatcttgt cagtgttagc taagggtgac cacagccctg tcacaagggc 2820
241 tgctgcagcc tgcttgaca aagcagtggg atatgggctt atccaacca accaagatgg 2880
242 agagtgaggg ggttgtccct gggcccaagg ctcatgcaca cgctacctat tgtggcacgg 2940
243 agagtaagga cggaagcagc tttggctggt ggtggctggc atgcccata ctcttgccca 3000
244 tctctgcttg ctgcccagc atgtcctctg ttctgagtca gcggccacgt tcagtccac 3060
245 agccctgctt ggccagcact gcctgcagcc tccactcagag gggccctttt tctgtactac 3120
246 tgtagtcagc tgggaatggg gaaggtgcat cccaacacag cctgtggatc ctggggcatt 3180
247 tgggaagggc caccatcag cagcctcacc agctgtgagc ctgctatcag gcctgcccct 3240
248 ccaataaaaag tgtgtagaac tccaaaaaaa aaaaaaaaaa aaaaaaaaaa 3289
251 <210> SEQ ID NO: 6
252 <211> LENGTH: 1878
253 <212> TYPE: DNA
254 <213> ORGANISM: Homo sapiens
256 <400> SEQUENCE: 6
257 catgattacg ccaagcttgg cacgagggta gaaaacgtga aattgggtgga tcgttatgtg 60
258 agtaagaaac cagctaattg gattctttat ctactgcaa cccacctgat ctatgtggag 120
259 gcttcagggtg cagcccggaa agaaacatgg attgcaactc atcacattgc cactgtggag 180
260 aagttaccca tccactagcct gggttgtccc ctgacctccc gctgcaagaa tttccgggtg 240
261 gccactttg ttttagattc tgaccttgtg tgccatgagg tttatatatt actgctcaag 300
262 ctttctcagc cagcattacc tgaagatctt tatgttttt ctataatcc caaatcctca 360
263 aaagagatga gggaaagtgg atggaaactg attgacccaa tatcagactt tgggcgtatg 420
264 ggaataccca acagaaactg gaccataaca gatgccaaca gaaactatga gatatgcagc 480
265 acctaccctc ctgaaatagt ggttcctaaa tctgttacct tgggaacggg ggttgggaagt 540
266 tcaaagtcca gaagtaaaga acgtgtccct gtgctctcct acctctaca agagaacaat 600
267 gctgccattt gccgctgtag ccagcctctc tctggatttt acactcgctg tgtagatgat 660
268 gatgctctgt tggaggccat tagccaaaac aaccagggga gccagtttat gtatgttgta 720
269 gacacaagac caaagatctg gcatttctct gtgctcataa tgagaatagt tctccaatta 780

```

VERIFICATION SUMMARY

DATE: 10/03/2001

PATENT APPLICATION: US/09/941,831

TIME: 10:49:16

Input Set : A:\Pto.amc

Output Set: N:\CRF3\10032001\I941831.raw

L:9 M:283 W: Missing Blank Line separator, <140> field identifier

L:9 M:270 C: Current Application Number differs, Replaced Current Application Number